10

92

CLOCK.

50

USER
INPUT
DEVICE

MONITOR

46.

Processor.

12

28

BROWSER

14

Calendar user Profile

38

APPLET.

16

SEARCH SCHEDULER

18

ASSOCIATION Component

20

SEARCH EXECUTER

SCRIPTING TEMPLATES.

26

100

FILE MEMORY
FILE

24

22

COMM
I/F

30

WIRELESS
Network

PSTN

32

INTERNET

34

CALENDAR
SERVER

36

33

SEARCH
SERVER

96

Fig 1

CALENDAR USER Profile

38

CALENDAR FORMAT TEMPLATE. — 40

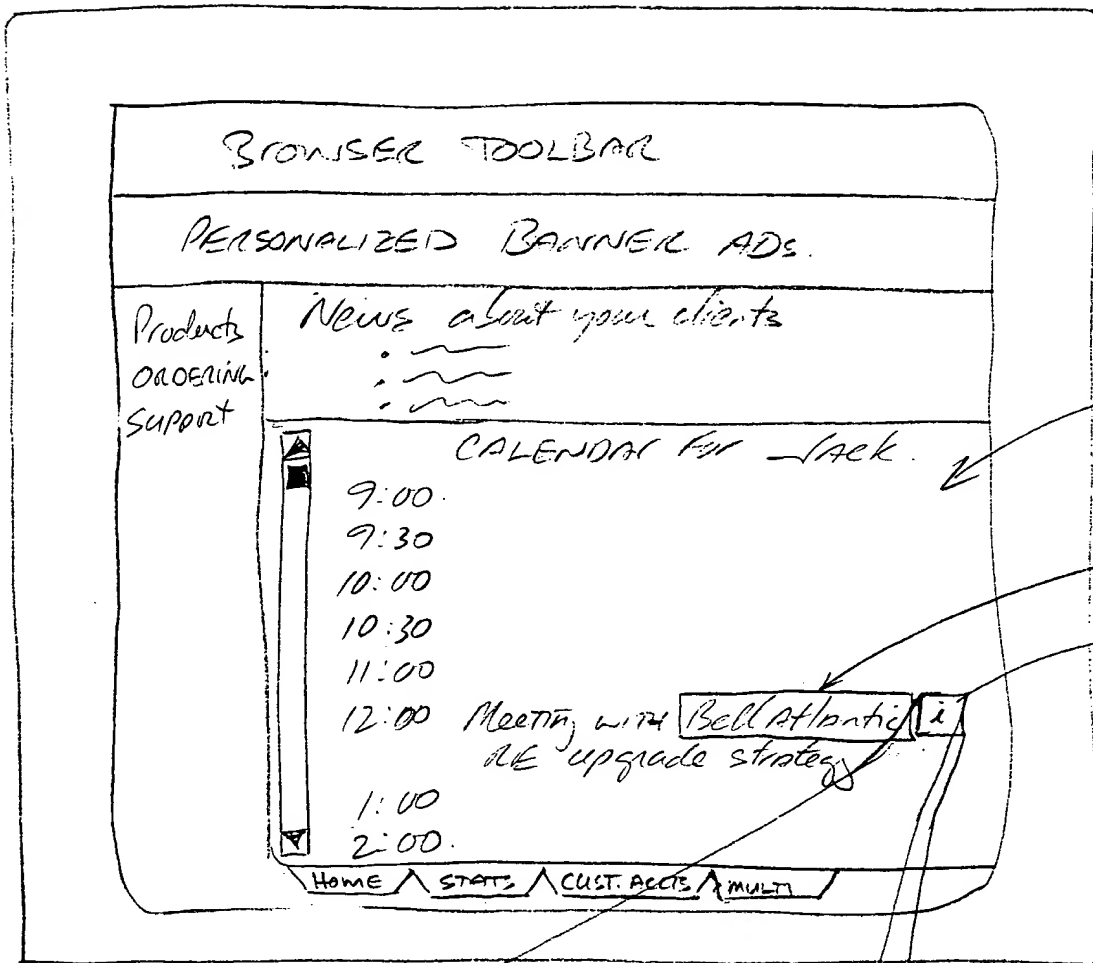CALENDAR INFORMATION — 42

SEARCH TABLE — 76

Fig 2

SEARCH TABLE 76

OBJECT TAG.	SEARCH KEY	WHEN.	REFINEMENTS	SEARCH URL	RESULTS URL
66	68	70	72	78	80

Fig 5

BROWSER TOOLBAR

PERSONALIZED BANNER ADs.

Products
ORDERING
SUPPORT

News about your clients
: ~~~
: ~~~
: ~~~

CALENDAR for Jack.   44

9:00
9:30
10:00
10:30
11:00
12:00 Meeting with Bell Atlantic i   48
        RE upgrade strategy   52
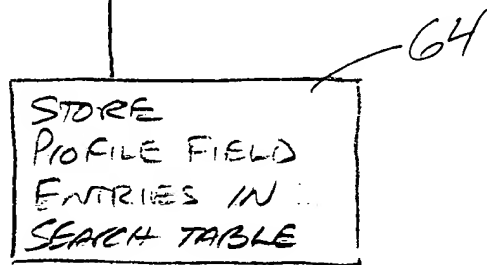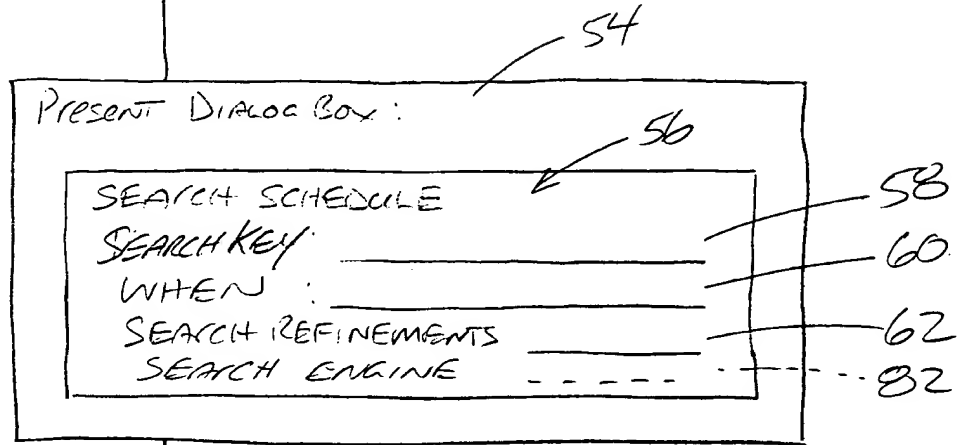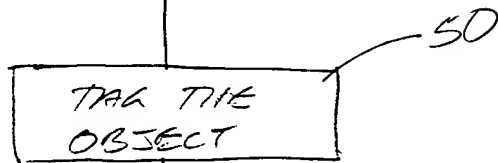1:00
2:00

Home / STATS / CUST. ACCTS / MULTI

FIG 3

• BELL ATLANTIC LAUNCHES NEW
  DIGITAL NETWORK IN NE STATES

• BELL ANNOUNCES ITS QUARTERLY
  RESULTS

108

SEARCH SCHEDULER

USER INITIATION

```
                                    ─── 50
    ┌──────────────┐
    │  TAG THE     │
    │  OBJECT      │
    └──────────────┘

                                         ─── 54
    ┌──────────────────────────────────────────┐
    │ Present Dialog Box :                      │
    │                          ─── 56           │
    │   ┌────────────────────────────────┐      │
    │   │ SEARCH SCHEDULE        │        │──── 58
    │   │ SEARCH KEY : _____   │──── 60
    │   │ WHEN    : _____      │
    │   │ SEARCH REFINEMENTS _____     │──── 62
    │   │ SEARCH ENGINE  ─ ─ ─ ─ ─ ─ ─    │──── 82
    │   └────────────────────────────────┘      │
    └──────────────────────────────────────────┘

                              ─── 64
    ┌──────────────┐
    │ STORE        │
    │ PROFILE FIELD│
    │ ENTRIES IN   │
    │ SEARCH TABLE │
    └──────────────┘

        QUIT.
```

Fig 4

90

TIME ≥ SCHEDULED SEARCH TIME

N

Y

94

OBTAIN URL FOR SEARCH ENGINE AND INVOKE SEARCH ENGINE

98

RUN SCRIPTING TEMPLATES TO POPULATE SEARCH ENGINE FIELD(S) AND LAUNCH SEARCH.

102

RECEIVE URL OF SEARCH RESULTS FROM SEARCH ENGINE

110

RESCHEDULE

104

STORE URL IN CALENDAR PROFILE IN ASSOCIATION WITH OBJECT

106

ADD HYPERLINK TO OBJECT, POINTING TO URL

FIG 6

END.